



JSDSOLAR

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ENERGY STORAGE PRODUCT AND SOLUTION

Power Your Home With Intelligent Solar

JSDSOLAR

COMPANY PROFILE



JSDSolar was founded in 2005, covers an area of more than 6000 square meters, is one of the China's high-tech enterprises, a vibrant and fast-growing international company and as a leader in the solar energy industrial.

JSDSOLAR as a leading one-stop solar systems solution supplier ,has enough experience on project design, quality control, technical guidance ,installation instructions and after-sales services. It's focusing on providing solar home storage system, industrial and commercial energy storage systems, integrating the R&D, production and sales of solar inverters and lithium batteries.

JSDSOLAR is committed to becoming a leading brand of solar residential energy storage systems in the world, build a smart energy management systems, build a green efficient energy environment, and illuminate every family with smart energy storage.

PROFILE PHOTOS



- ✓ **12+**
Experience in solar system
production and manufacturing
- ✓ **30+**
R&D team
- ✓ **Won**
National high-tech enterprise
- ✓ **50+**
Product patents

- ✓ **150,000+**
Annual output of inverters
- ✓ **5+**
Years The system operates
stably and safely without fault
- ✓ **100,000+**
Application cases of solar home
system
- ✓ **150+**
Countries for business

CULTURE



Vision

Become the most competitive international solar system corporation



Mission

Power every home with smart solar energy



Business Philosophy

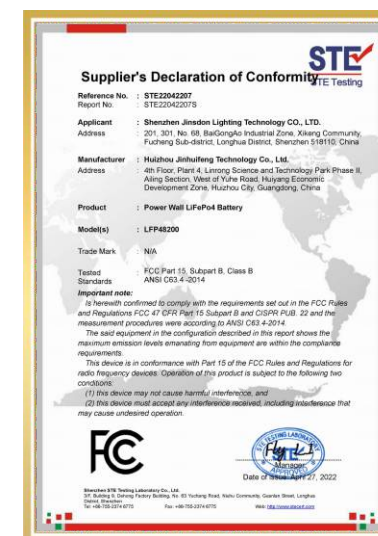
Be reliable, strong, big, good and long



Values

Honest and trustworthy, people-oriented, innovative development

HONOR



- ✓ China's excellent solar system brand enterprise
- ✓ National high-tech enterprise
- ✓ Benevolent Enterprise
- ✓ Won the advanced design award of solar system products



PRODUCT CREATION CONTROL

- ▶ Strict material screening
- ▶ Precision machining equipment
- ▶ Quality inspection center
- ▶ Technology R&D team
- ▶ Final assembly inspection
- ▶ Strict production control

OVERSEAS SALES TEAM

Professional / Energetic / Attentive / Dreamy

We are a team with dreams. We come from all over the world because of a common dream: to be a truly excellent intelligent solar system enterprise and provide users with the most perfect solar system products and services.

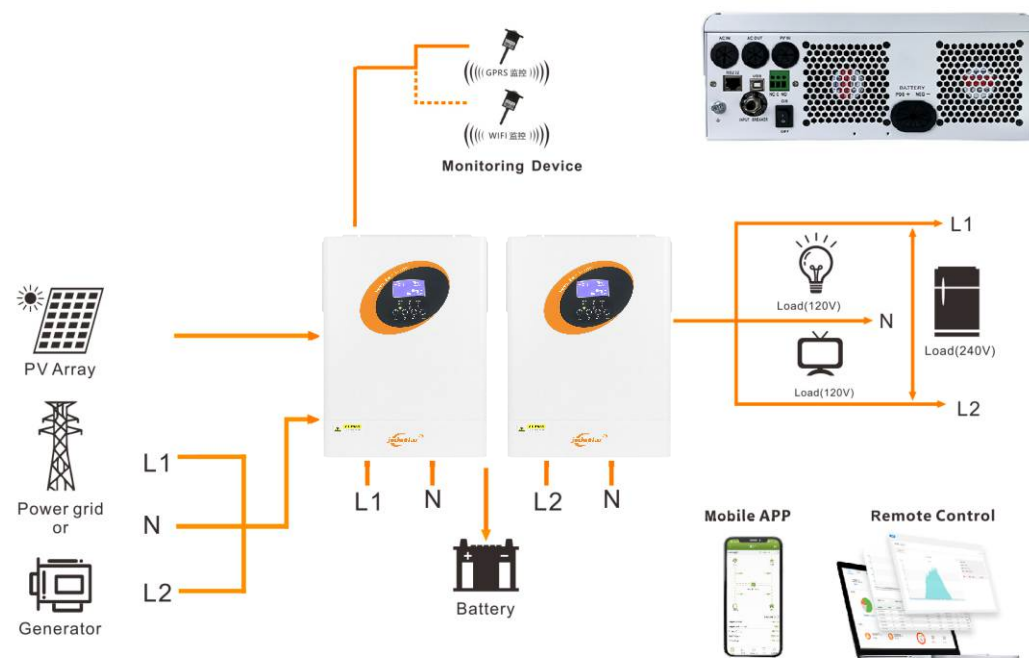




US STANDARD 3KW TO 36KW SINGLE-PHASE OFF GRID OFF GRID SOLAR INVERTER

◇ Technical Parameters:

Model	J3000LP
Capacity	3000W
Parallel Capability	YES, 12units
Input	
Nominal Voltage	110 / 120VAC
Acceptable Voltage Range	95-140 VAC (For Personal Computers),65-140 VAC (For Home Appliances)
Frequency	50/60HZ (Auto sensing)
Output	
Nominal Voltage	110/120VAC 220/240VAC (2 or more units in parallel)
Surge Power	6000VA
Frequency	50Hz/60Hz
Waveform	Pure Sine Wave
Transfer Time	10ms (For Personal Computers); 20ms (For Home Appliances) 97%
Peak Efficiency (PV to INV)	97%
Peak Efficiency (Battery to INV)	93%
overload Protection	5s@>=150% load; 1Os 110%-150% load
Crest Factor	3:1
Admissible Power Factor	0.6-1 (inductive or capacitive)
Battery	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
Charging Method	CC/CV
Solar Charge & AC Charge	
Solar Charge Type	MPPT
Max. PV Array Power	5000W
Max. PV Array Open Circuit Voltage	500 VDC
PV Array MPPT Voltage Range	120VDC~450 VDC
Maximum Solar Input Current	18A
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charge Current	80A
Communication Interface	USB/RS232/Dry-contact
Environment	
Operating Temperature	(-10℃~50℃)
Storage Temperature	(-15℃~60℃)
Humidity	5% to 95% Relative Humidity (Non-condensing)

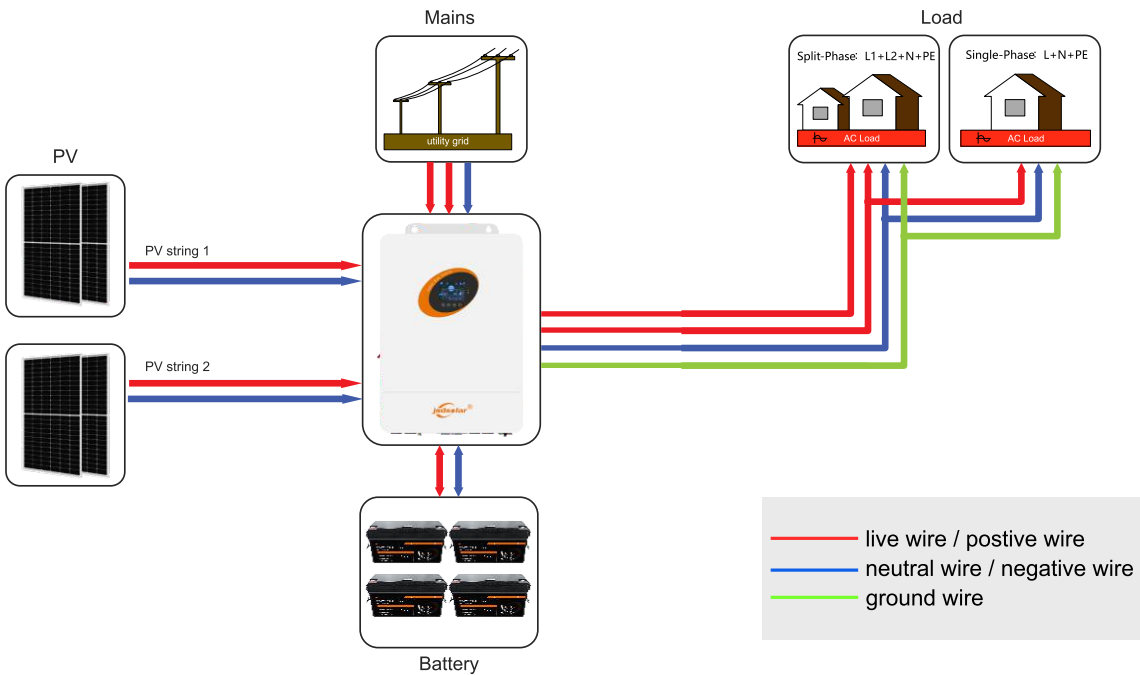




HIGH FREQUENCY SPLIT PHASE 120V/240V

ALL-IN-ONE SOLAR CHARGE INVERTER

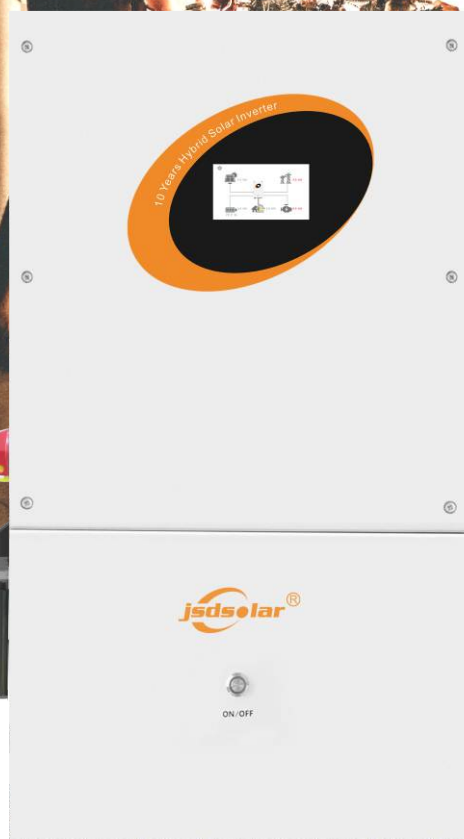
JB10KLP



◇ Technical Parameters:

Model	JB10KLP	CANBESET
INVERTER		
Rated Output Power	10000W	
Max.Peak Power	20000W	
Rated Output Voltage	120/240Vac(L1/L2/N/PE split phase)	Y
Load Capacity of Motors	6HP	
Rated AC Frequency	50-60Hz	Y
Waveform	Pure Sine Wave	
Switch Time	10ms(typical)	
Parallel Capacity	Yes	
BATTERY		
Battery Type	Li-ion / Lead-Acid / User Defined	Y
Rated Battery Voltage	Vdc	
Voltage Range	40~60Vdc	Y
Max.MPPT Charging Current	200A	Y
Max.Mains/Generator Charging	120A	Y
Max.Hybrid Charging Current	200A	Y
PV INPUT		
Num. of MPPT Trackers	2	
Max.PV Array Power	11000W	
Max.Input Current	22/22A	
Max.Voltage of Open Circuit	500Vdc	
MPPT Voltage Range	125~425Vdc	
UTILITY/ GENERATOR INPUT		
Input Voltage Range	90~140Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	63A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
General		
Dimensions	620*435*130mm(2*1.4*0.4ft)	
Weight	21kg (46.3lb)	
Protection Degree	IP20, Indoor Only	
Operating Temperature Range	-10~55°C, >45°C de rated	
Humidity	-25°C ~ 60°C	
Cooling Method	Internal Fan	
COMMUNICATION		
Embedded Interfaces	RS485/CAN/USB/ Dry contact	Y
External Modules (Optional)	Wi-Fi / GPRS	Y
CERTIFICATION		
Safety	IEC62109-1, IEC62109-2,UL1741	
RoHs	Yes	
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B	

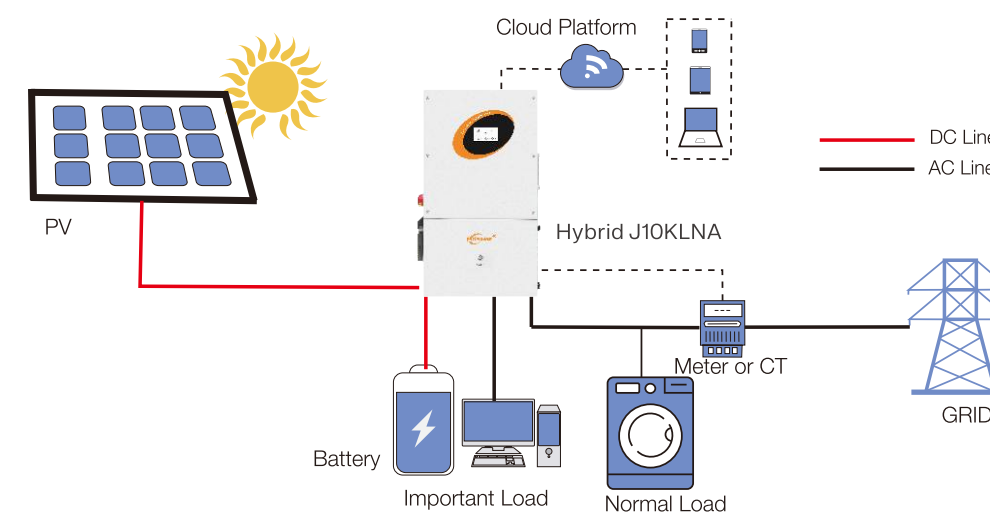
SPLIT PHASE 120V/240V HYBRID INVERTER (LOW BATTERY VOLTAGE)



◇ Product Features:

- Fashion appearance ,light weight ,smart operation .
- Natural cooling ,low noise.
- IP65 ,wall mounted design ,saving space.
- Touch screen LCD.

◇ Product Topology:



◇ Technical Parameters:

Model	J10KLNA
PV Input Data	
Max. DC Input Power	15KW
NO. MPPT Tracker	4
MPPT Range	120-500V
Max. DC Input Voltage	500V
Max. Input Current	14A
Max. Short Circuit Current	22A
Battery Input Data	
Nominal voltage (Vdc)	48V
Max. Charging/Discharging Current	190A/ 210A
Battery Voltage Range	40-60V
Battery Type	Lithium and Lead Acid Battery
AC Output Data (On-Grid)	
Nominal output power Output to Grid	10KVA
Max. Apparent Power Output to Grid	11KVA
Output Voltage Range	110-120/220-240V split phase, 10, 230 1 phase
Output Frequency	50/60Hz (45 to 54.9Hz / 55 to 65Hz)
Nominal AC Current Output to Grid	41.7A
Max.AC Current Output to Grid	45.8A
General Data	
Weight	48KG
Size (Width*Depth*Height)	450x 240x 820(mm)
Cooling	Natural Convection
Display	LED
Communication With BMS/ Meter/ EMS	RS485,CAN
Supported communication interface	RS485, WLAN, 4G (optional)
Safety	UL1741SA all options, UL1699B, CSA 22.2
Grid connection standards	IEEE 1547, IEEE 2030.5, Hawaii Rule 14H, Rule 21 Phase I, II, III



POWER WALL 5KWH

LIFEPO4 BATTERY

◇ **Product Features:**

- EVE A Grade battery cell
- High energy destiny 3.2V 100AH battery cell
- Display Screen and button to show battery status
- Parallel connection to expand battery capacity from 5KWH to 75KWH
- Long life cycle time>6000 cycles
- Active dual-core BMS to make charge and discharge more balance
- Max Charge-Discharge Current : 100A
- Certification: CE, UN38.3, MSDS



◇ **Technical Parameters:**

Model	BG48100
Normal Capacity	100Ah
Total Energy	5KWH
Battery Type	LiFePO4
Normal Voltage	51.2V
Max.Charge / Discharge Current	100A
Installation	Wall Mounted
Waterproof	IP21
Communication Port	RS232/RS485/CAN
Support Parallels	Max.15pcs in Parallels
Dimension	690*400*165mm
Weight	47KG
Certificates	CE UN38.3



STANDING 10KWH LIFEPO4 BATTERY

◇ Product Features:

- EVE A Grade battery cell
- High energy destiny 3.2V 100AH battery cell
- Display Screen and button to show battery status
- Parallel connection to expand battery capacity from 10KWH to 150KWH
- Long life cycle time>6000 cycles
- Active dual-core BMS to make charge and discharge more balance
- Max Charge-Discharge Current : 200A
- Certification: CE,UN38.3,FCC,UL1973



◇ Technical Parameters:

Model	LFP48200
Normal Capacity	200Ah
Total Energy	10KWH
Battery Type	LiFePO4
Normal Voltage	51.2V
Max.Charge / Discharge Current	200A
Installation	Wall Mounted
Waterproof	IP21&IP65
Communication Port	RS232/RS485/CAN
Support Parallels	Max.15 pcs in Parallels
Dimension	502*171*888mm
Weight	89KG
Certificates	CE,UN38.3,FCC,UL1973



STANDING 15KWH LIFEPO4 BATTERY

◇ **Product Features:**

- High energy density 3.2V 300Ah cell
- Popular LiFePO4 battery capacity:15KWH
- Long life cycle time >6000 cycles
- Charge and discharge more balance via smart BMS
- Store energy from the grid or solar
- Total energy extends to 225KWH by parallel battery packs
- Installation: Mobile battery
- Monitor and Optimize by Smartphone App / computer (optional)



◇ **Technical Parameters:**

Model		BG48300
Total Energy		15KWh
Battery Type		LiFePO4
Normal Voltage		51.2V
Normal Capacity		300Ah
Max.Charge/ Discharge Current		200A
Cycle Life		> 6000cycle
Communication Interface		CAN / RS232 / RS485
Battery Cell Brand		EVE Battery Cell
Dimension		650*230*640mm
Weight		121kg
Grade		IP21&IP65
Inverter	Match all hybrid and off grid inverter brands in the world	
Warranty		5 years
Supply Ability		5000 Pieces per Month
Certificates		CE, RoHS,UN38.3,MSDS,ISO

4U LIFEPO4 BATTERY



◇ **Product Features:**

- Multi-level energy management, long battery life cycle times >6000 cycles
- Quick terminal plug ,cost & time saving and installation firmly
- Multiple parallels support, high current charge and discharge
- Compatible with most of the available hybrid inverters / off grid inverter in the world
- Support multiple communication tools with RS232/RS485/CAN



◇ **Technical Parameters:**

Model	J4U48100
Total Energy	5KWh
Battery Type	LiFePO4
Normal Voltage	51.2V
Normal Capacity	100Ah
Max.Charge/ Discharge Current	100A
Cycle Life	> 6000cycle
Communication Interface	RS232 / RS485 / CAN
Dimension(L*W*H)	482*430*200mm
IP Grade	IP21 & IP65
Inverter	Match all hybrid and off grid inverter brands in the world
Installation	Built-in Cabinet / On the floor
Warranty	5 years
Pack Impedance(without BMS)	< 20mΩ
Upper charge voltage	57.6±0.1V
Lower Discharge voltage	43.2±0.1V
Operating Temperature	charge:0~55℃ discharge :-15~55℃
Operating Humidity	5%~95% RH
Storage Temperature	-20~55℃(Long-term storage at high temperatures (>=35℃) is not recommended.)

HIGH VOLTAGE COMMERCIAL LIFEPO4 BATTERY



◇ **Product Features:**

- Superpose design to save a lot installation space
- Touch Screen to set battery
- 38.4KWH to 76.8KWH one set
- Suitable for 38.4KWH to 76.8KWH back up power bank
- Compatible 30KW to 150KW solar inverter
- Adopted 384V to 768V high voltage tech to reach high efficiency
- Active dual-core BMS to make charge and discharge more balance.
- Certification:CE,UN38.3,MSDS

◇ **Technical Parameters:**

Model	JHB38	JHB51	JHB64	JHB76.8
Battery Type	LiFePO4			
Energy	38.4KWH	51.2KWH	64.0KWH	76.8KWH
Capacity	100AH			
Rated Voltage	384V	512V	640V	768V
Working Voltage Range	336~438V	448~584V	560~730V	672~876V
Max Charge Current	100A			
Max Discharge Current	100A			
Standard Charge Current	50A			
Standard Discharge Current	50A			
DOD	100%			
Max Parallel Quantity	8			
Designed Life-span[1]	6000 Cycles			
Operation Humidity[2]	5~95%			
Operating Temperature	Charge:0~60℃ Discharge: -10~60℃			
Nominal Operation Altitude	< 3000m			
IP Rating	IP55			
Installation Method	Stacking			
Communication	Can			
Certification	CE / UN38.3			
Net Weight	357.9KG	471.5KG	585.1KG	698.7KG
Dimension(L*W*H)	710*450*1192mm	710*450*1525mm	710*450*1858mm	710*450*2191mm



ALL IN ONE SOLAR SYSTEM

◇ **Product Features:**

- Colorful display interface
- All in one design to salve complicated cable connection procedures plug and play
- Portable handlebars and easy-mobiled wheels design
- Protection for Charging ,Discharging, Circuit Short/Open etc.
- High frequency solar inverter
- MPPT solar charge controller
- 6000cycles LiFePO4 batteries
- Double cooling fan to expand the Lifespan

◇ **Technical Parameters:**

Model		MLP3K10	MLP3K15	MLP3K20	MLP3K30
Battery rated voltage		25.6VDC			
Battery Capcity		1024WH	1536WH	2048WH	3072WH
Inverter	MAX AC input power	3500W			
	AC input voltage	90-140VAC			
	Rated output power	1000W	1500W	2000W	3000W
	Output voltage	120VAC			
	Output frequency	50/60Hz auto			
MPPT PV Input	MPPT voltage range	30V-90VDC			
	Max PV input power	1600W			
	Charge current range	0-60A			
	MPPT efficiency	≥96%			
	PV input voltage	30-100VDC			
DC Output	5V USB Output	current limiting 2A MAX			
	12V DC5.5-2.1 Output	current limiting 2A MAX			
	Type-C Output	power limiting 24W MAX			
Temperature control system		Smart fan			
Work environment temperature		-20 ~ +50℃			
Storage environment temperature		-25 ~ +55℃			
Operation/storage environment humidity		0-90% no condensate			
Product Size:W*L*H(mm)		480*162*520	480*162*520	480*162*646	480*162*646
Package Size:W*L*H(mm)		565*281*580	565*281*580	565*281*706	565*281*706
Product weight:(kg)		21	24	29	35
Package weight:(kg)		23	26	32	38



ALL IN ONE SOLAR SYSTEM

◇ Product Features:

- Colorful display interface
- All in one design to salve complicated cable connection procedures plug and play
- Portable handlebars and easy-mobiled wheels design
- Protection for Charging ,Discharging, Circuit Short/Open etc.
- High frequency solar inverter
- MPPT solar charge controller
- 6000cycles LiFePO4 batteries
- Double cooling fan to expand the Lifespan

◇ Technical Parameters:

Model		JLP6K10	JLP10K15
Battery rated voltage		51.2VDC	
Battery Capcity		10KWH	15KWH
Inverter	MAX AC input power	40A	63A
	AC input voltage	90-140VAC	
	Rated output power	6KW	10KW
	Output voltage	120/240 VAC (single-phase/split-phase)	
	Output frequency	50/60Hz auto	
MPPT PV Input	MPPT voltage range	125V-425VDC	
	Max PV input power	10KW	11KW
	Charge current range	18A/18A	22A/22A
	MPPT efficiency	99.9%	
	PV input voltage	MAX 500VDC	
Temperature control system		Smart fan	
Work environment temperature		-20 ~+50℃	
Operation/storage environment humidity		0-90% no condensate	
Product Size:W*L*H(mm)		560*235*1150	560*235*1120
Package Size:W*L*H(mm)		632*305*1218	632*305*1188



◇ Technical Parameters:

Inverter type:
Hybrid Solar Inverter(Grid Support Interactive Inverter)

AC maximum output power	10KW
Output Voltage Range	110-120/220-240V split phase
MPPT voltage range	120-500V
PV maximum input current	14A
Maximum PV input	15KW&4 MPPT controller
Battery input voltage range	40-60V
Output frequency range	50/60Hz (45 to 54.9Hz / 55 to 65Hz)
Waterproof protection level	IP65
Operating Temperature Range	-25 ~ +60°C(> 45°C derating)

Battery Type:
LiFePO4

Battery power	Maximum 10KW×2
Battery nominal voltage	51.2V
Battery capacity	200AH×2, total 20KWH
Battery voltage range	44~58.4V
Each battery is equipped with	200A BMS
Battery life	6000 cycles

Car charger parameters(Optional parts):

Charger types	9.6KW American standard AC charging pile
Charging head type	SAE J1772 Type 1
Charging cable length	7M
Charging power	9.6KW
Output voltage	AC208V~AC240V, compatible with 110V
Output current	Max.40A
Protection level	NEMA 4(IP66)



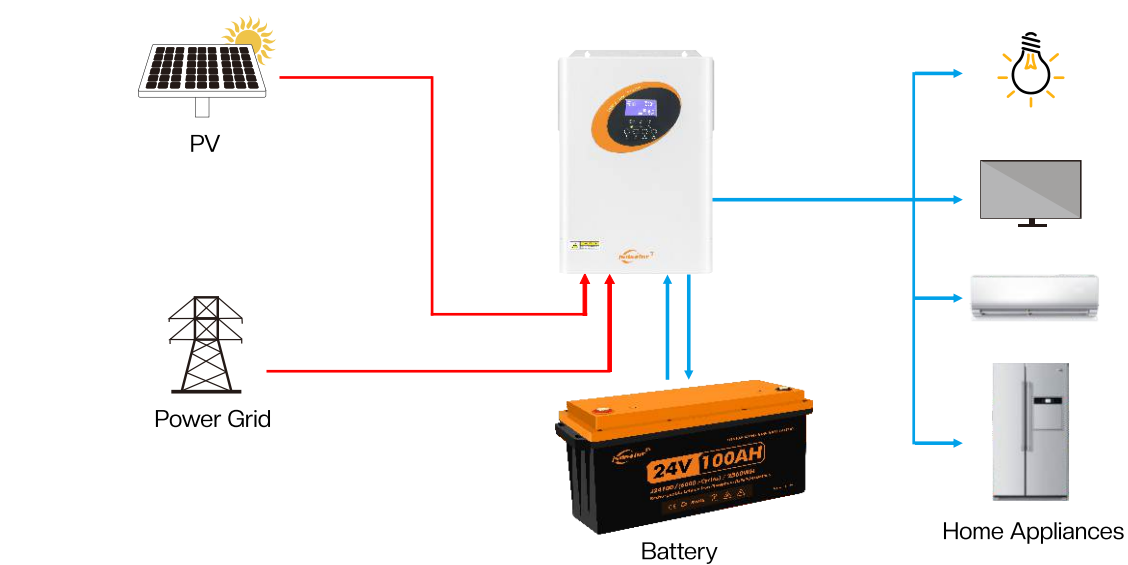
I2V100AH/ I2V200AH/24V100AH

LFP LI-ION BATTERY (6000+)

◇ Product Features:

- Lithium Iron Phosphate LiFePO4 Battery pack
- unique Triple-safety protection with high performance and
- prominent long life,with 20 times longer cyclic life than SLA
- battery to save cost and energy, up to 50% lighter than SLA
- battery to save logistic cost (Anti-thief system + GPS as optional).

◇ Application:



◇ Technical Parameters:

Model	J12100	J12200	J24100
Nominal voltage [V]	12.8	12.8	25.6
Nominal capacity [Ah]	100	200	100
Total energy [Kwh]	1.28	2.56	2.56
Product dimension [W*D*H]	260*168*215 mm	484*170*240 mm	484*170*240 mm
Product weight	9.5 Kg	18.5 Kg	18.5 Kg
Max. charging current [A]	100	200	100
Charge Mode	@0.2C(A) to 14.6V ,then @14.6V till charge current<0.05C(A) (CC,CV)		
Charging voltage [V]	14.6	14.6	29.2
Max. discharging current [A]	100	200	100
End of discharge voltage [V]	11.2	11.2	22.4
Protection class	IP65		
Operating humidity	0-95 %RH (No condensing)		
Operating temperature range	Charge: 0 ~ +50 °C Discharge: -20 ~ +55 °C		
Storage temperature range	-20 ~ +60 °C / -4 ~+140°F		
Communication interface	/		
BMS Functions	Cell Voltage/Current Balance, Temperature, MOSFETS		
Protection	Over voltage , Low voltage , Over current,Over Temperature, Low Temperature Short circuit		
Support Concatenation	Max 4 PCS	Max 4 PCS	Max 2 PCS
Support Parallel Connection	Max 4 PCS		

SOLAR POWER SYSTEMS

POWER WALL SOLAR HOME SYSTEM



◆ Product Features:

- 3KW to 36KW solar home system option
- Off grid main power connected type
- System Type: Off-grid
- 3KW parallel inverter
- Power wall 5KWH LiFePO4 battery
- Mono 182 10BB half-cell solar panel
- Pitched/flat roof and ground mounting bracket option
- Power distribution box with air breaker
- Accessories

US OFF GRID SOLAR HOME SYSTEM



◇ Product Features:

- 10KW-60KW solar home system option
- System Type: Off-grid
- 10KW 120V/240V 50/60Hz Off-grid inverter
- 10KWH LiFePO4 battery
- Mono 182 10BB half-cell solar panel
- Pitched/flat roof and ground mounting bracket option
- Power distribution box with air breaker
- Accessories

US HYBRID SOLAR HOME SYSTEM



◇ Product Features:

- 10KW to 30KW solar home system option
- System Type: Hybrid
- 10KW 120V/240V split phase hybrid inverter
- 10KWH LiFePO4 battery
- Mono 182 10BB half-cell solar panel
- Pitched/flat roof and ground mounting bracket option
- Power distribution box with air breaker
- Accessories

CASE STUDIES



BUSINESS NETWORK

High-quality service provider for **100,000** households and businesses around the world

Panasonic

EIKTO

EVE 亿纬锂能

LONGi 隆基

Trinasolar 天合光能

中国电建 POWERCHINA

Unilumin 洲明

CATL 宁德时代

GanfengLithium 赣锋锂业

enel Green Power

IBEBDBOLA

SK

BASF The Chemical Company

risen solar technology

NEXtera ENERGY

JA SOLAR 晶奥太阳能

BYD

LG Chem

Contact

HUAWEI

Deye®

OUR ADVANTAGES

R&D STRENGTH



Attach importance to talents, investment and innovation

JSD constantly introduces world technical experience and gathers high-tech talents at home and abroad to ensure the stable development of the company's industry and maintain long-term competitive advantage. Invest more than 15% of sales every year as R & D expenses!

We are customer-oriented, continuous innovation and rapid response. Continuously developing new products and systems according to customer requirements. By establishing strategic Cong alliance in terms of technology and market, we can obtain new energy storage technologies and enter new markets

FIVE YEAR PLAN

Annual sales 200 million USD

Growing at a rate of 30% per year

Customers 100000

Market share expands year by year

Product sales coverage 5 continents

Products are sold all over the world



Improve the core competitiveness of enterprises



Become a technology pioneer in the solar system industry



Become an internationally competitive company



Improve customer satisfaction

SINCERE COOPERATION

Your preferred partner for solar energy storage



SERVICE PROCESS

- ▶ Discuss and confirm requirements
- ▶ Design and provide solution
- ▶ Signing the contract
- ▶ Production
- ▶ Delivery
- ▶ After-sales support



AFTER-SALES SERVICE



Professional after-sales service team

We have a strong and professional after-sales service team to provide you with technical support and service



Quick response

The service hotline is non-stop throughout the year, realizing 365X24 full-time service



FAQ instruction manual

Documents, videos, professional troubleshooting of common problems and rapid resolution



Regular return visit service

Service Center personnel regularly visit customers, and conduct remote inspection of product status and equipment verification



Customer satisfaction Center

The customer can rate the service personnel. If you are not satisfied, you can call the complaint hotline

